



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090224-C

Mode: Highway

Status: Submitted

NC-33

From/Cross Street: NC 222 at Belvoir Crossroads

Specific Improvement Type: 1 - Widen Existing Roadway

To: US 264 Bypass

Project Category: Regional Impact

Length: 4.51

TIP#: R-3407C

Fully Funded in Draft STIP? No

Cost to NCDOT: \$34,371,000

Description:

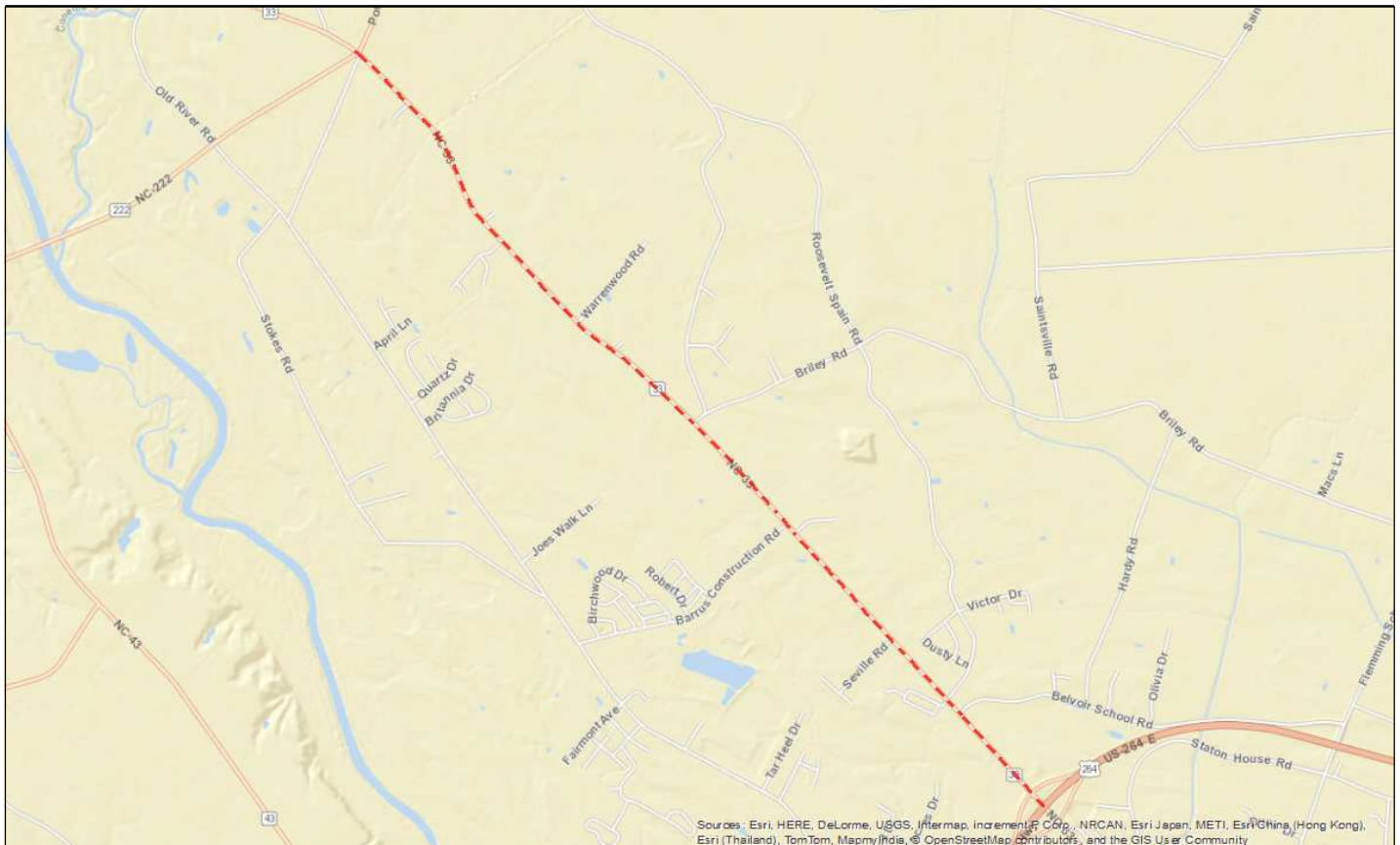
Widen to Multi-Lanes

Division(s): Division 2

County(s): PITT

MPOS(s)/RPO(s): Greenville Urban Area MPO, Mid-East RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 49.72

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 76.61 Multimodal + [Freight & Military] (25%) 2.11 [Travel Time] Benefit/Cost (20%) 0.19	Percent: 15% Points: 100	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 19.72		

Division Needs Total Score: 21.87

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 31.67 Safety (20%) 76.61 Multimodal + [Freight & Military] (10%) 2.11	Percent: 25% Points: 0	Percent: 25% Points: 0
Totals: Weight: 50% Weighted Score: 21.87		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	4.51
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	7465.22
Capacity:	15612.78
Volume/Capacity Ratio:	0.48
% Autos:	94%
% Trucks:	6%
Truck Volume:	421.19
Crash Density:	93.17
Crash Severity:	64.87
Critical Crash Rate:	71.81
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	81
Actual Congested Speed:	48.24
Travel Time Index:	1.13

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	4.51
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	286486.36
Travel Time Savings for 30 Years (Autos):	270322.61
Travel Time Savings for 30 Years (Trucks):	16163.75
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 2

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 2	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Greenville Urban Area MPO	50%	50	0
Mid-East RPO	50%	50	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$24,168,000	TIP Unit
Right-of-Way Cost:	\$9,110,000	Cost Estimation Tool
Utilities Cost:	\$1,093,000	Cost Estimation Tool
Total Project Cost:	\$34,371,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$34,371,000	